BEST AVAILABLE COPY

Method and apparatus for providing electronic program guide information from single electronic program guide server

Patent number:

CN1203495

Publication date:

1998-12-30

Inventor:

NAIMPALLY SAIPRASAD V (JP)

Applicant:

MATSUSHITA ELECTRIC IND CO LTD

(JP)

Classification:

- international:

H04N5/445

- european:

H04N7/16E2

Application number: CN19980108098 19980205

Priority number(s): US19970795915 19970205

Also published as:

国 EP0858223 (A2)

🔁 US6020880 (A1)

① JP10276413 (A)

EP0858223 (A3)

EP0858223 (B1)

Report a data cert cheer

Abstract not available for CN1203495

Abstract of corresponding document: EP0858223

A method and apparatus for requesting, receiving, processing, and providing information from a single source to a television viewer. An information provider is accessed via a communications link and specific data, which is separate and distinct from video signals received by the television receiver, is downloaded to the television receiver. The data provided by the information provider is database information with minimal formatting and does not contain any graphical overhead. Requests for information from the information provider may be on demand or at a predetermined time. The information provided may be filtered by the information provider and/or television receiver based on selected program categories and/or a user provided profile.

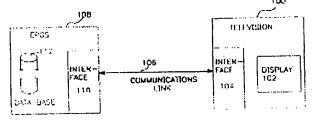


FIG. I

[51]Int.Cl6

H04N 5/445



[12] 发明专利申请公开说明书

[21] 申请号 98108098.7

[43]公开日 1998年12月30日

[11] 公开号 CN 1203495A

[22]申请日 98.2.5

|30|优先权

[32]97.2.5 [33]US[31]08 / 795,915

[71]申请人 松下电器产业株式会社

地址 日本大阪

[72]发明人 赛普拉萨德·V·纳伊姆帕利

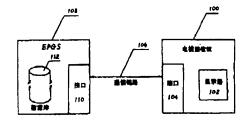
|74||专利代理机构 永新专利商标代理有限公司 |代理人 韩 宏

权利要求书 3 页 说明书 10 页 附图页数 5 页

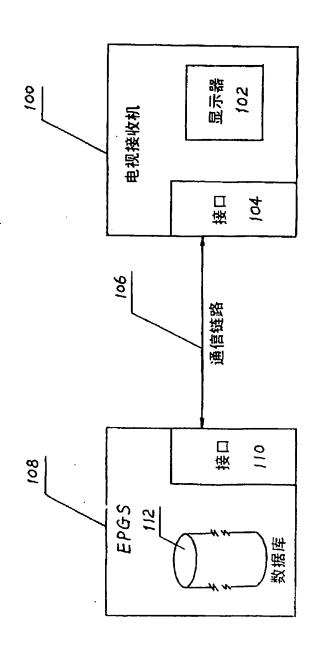
(54)发明名称 从单个电子节目指南服务设备提供指南 信息的方法和装置

[57]摘要

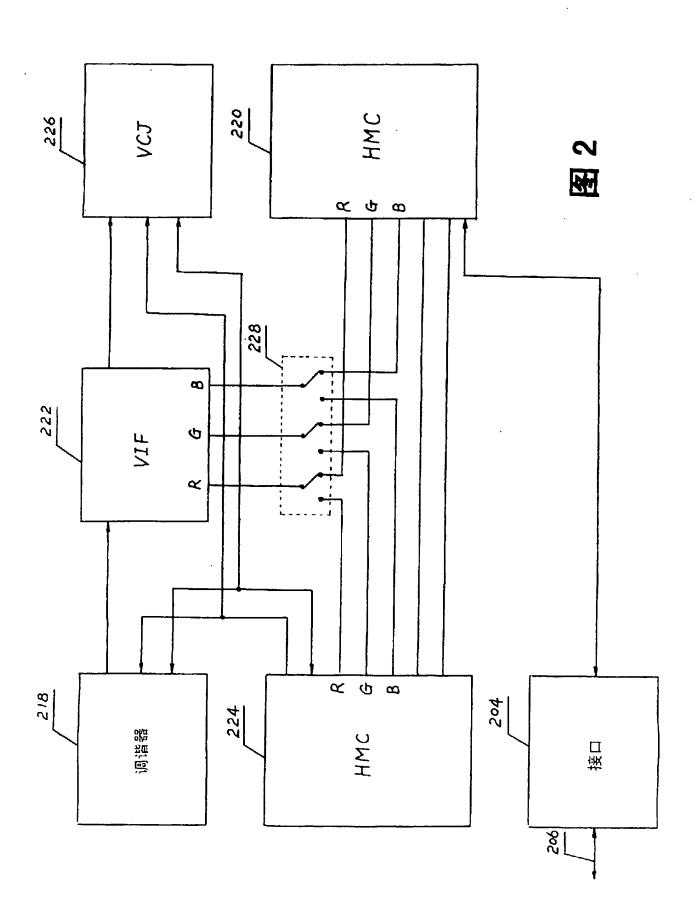
一种用于从单个信息源请求、接收、处理和提供信息给电视观众的方法和装置。经过通信链路访问信息供应商并且与电视接收机收到的视频信号不同而且分开的特定数据被下载给电视接收机。信息供应商提供的信息是具有最少格式化的数据库数据,并且不包含任何额外的图形。可以根据命令或者按预置时间从信息供应商处请求信息。根据选出的节目的类型或用户提供的概述,由信息提供商和/或电视接收机对提供的信息进行过滤。

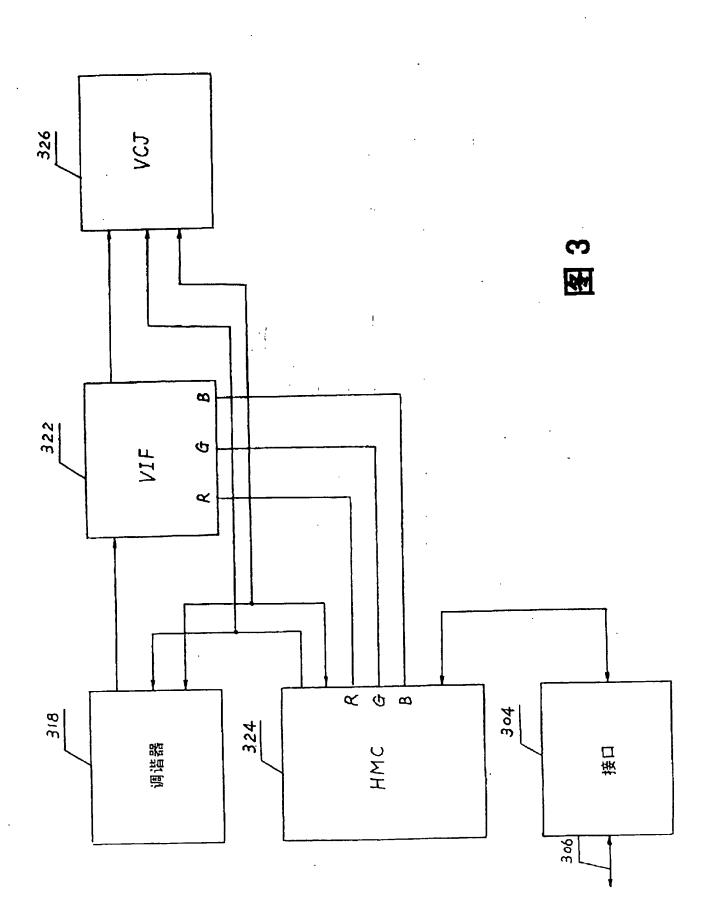


说明书附图



4





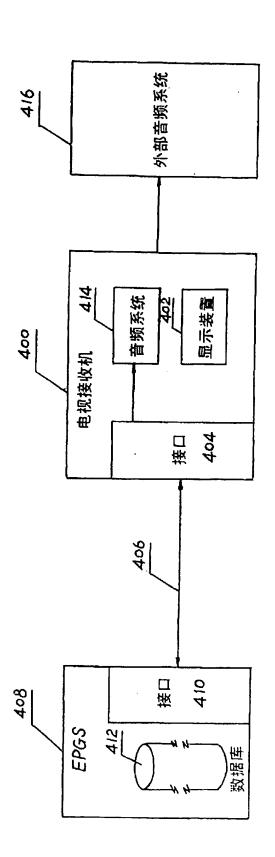
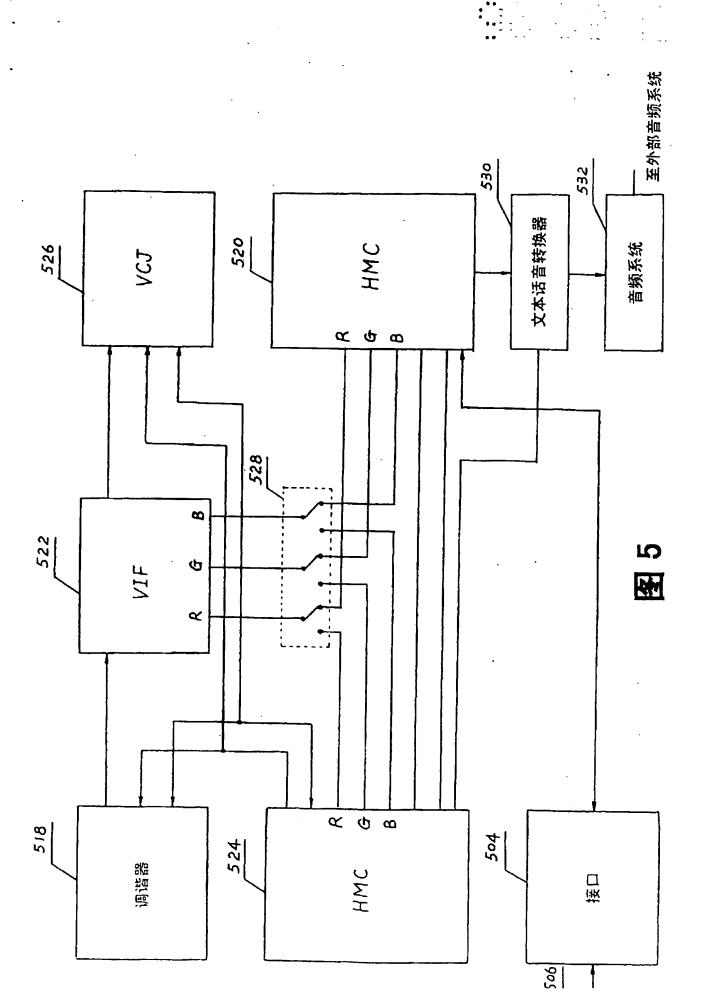


图 4



This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:
BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
□ OTHER:

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.